

Alabama Commission on Higher Education

PROPOSAL FOR A NEW DEGREE PROGRAM – NEW APPLICATION TOOL

Please check one: ☒ Baccalaureate Program ☐ Graduate Program

A. General Information

1. Institution: **University of North Alabama**
2. Institutional Contact Person: **Dr. John Thornell**
Title: **Vice President of Academic Affairs and Provost**
Telephone: **256/765-4258**
E-mail: **jthornell@una.edu**
3. Program Identification--
Field of Study/ Program Title: **Exercise Science**
Degree: **Bachelor of Science**
CIP Code: **310505**
4. Date of Proposal Submission: _____
5. Proposed Program Implementation Date: **August 2016**
6. Program Administration:
Name of College/School: **College of Education and Human Sciences**
Name of Dean: **Dr. Donna Lefort**
Name of Department: **Department of Health, Physical Education and Recreation**
Name of Chair: **Dr. Tom Coates**

Note: Please expand all response fields as necessary.

B. Program Purpose and Description

1. In no more than one paragraph describe the purpose of the proposed program. Please also include a brief statement regarding how the program's purpose is related to the University's mission and goals.

The purpose of this proposed new degree is to transition exercise science from a concentration under the umbrella of the current B.S. in Health, Physical Education and Recreation to a new stand-alone B.S. in Exercise Science with concentrations in clinical exercise physiology, applied exercise physiology, and pre-professional studies. Exercise science has experienced tremendous growth in the last two decades and the expectations of expertise for those practicing in this field has increased concomitantly. In fact, between fall 2008 and fall 2015 the number of students selecting exercise science as their concentration under the B.S. in Health, Physical Education and Recreation at the University of North Alabama increased from less than 50 to over 200 majors. In response to this shift in student interest and market demand the Department of Health, Physical Education and Recreation undertook a strategic curriculum review in 2009 resulting in revisions of some existing course content and the development of new courses that more accurately reflect current career knowledge expectations by employers. This strategic curriculum revision has provided the foundation for this proposed new B.S. in Exercise Science. A move in this direction to create a new B.S. in Exercise Science is in line with and strongly supports the mission of the University of North Alabama which states, "As a regional, state-assisted institution of higher education, the University of North Alabama pursues its mission of engaging in teaching, research, and service in order to provide educational opportunities for students, an environment for discovery and creative accomplishment, and a variety of outreach activities meeting the professional, civic, social, cultural, and economic development needs of our region in the context of a global community."

2. Please provide a description of the specific kinds of employment opportunities, post-graduate professional degree programs, and other graduate programs that will be available to the graduates.

Listed below, by concentration, are common employment, post-graduate degree and other graduate programs students completing the proposed B.S. in Exercise Science may pursue.

Applied Exercise Physiology Concentration: Strength and conditioning coach, military/firefighter/law enforcement tactical athlete coach, personal trainer, life coach, group fitness instructor, corporate wellness coordinator, biomedical salesperson.

Clinical Exercise Physiology Concentration: Exercise physiologist (cardiac rehabilitation, hospital-based wellness centers, and geriatric care facilities).

Pre-Professional Studies Concentration: Occupational therapist (MOT), physical therapist (DPT), physical or occupational therapist assistant,

physician's assistant, Doctor of Osteopathic Medicine (DO), sports medicine (MD), biomedical salesperson.

Students from all concentrations will also be prepared, if they so choose, to pursue graduate studies in academic areas associated with exercise science including human performance, exercise physiology, and biomechanics.

3. Succinctly list at least four (4) but no more than seven (7) of the most prominent ***student learning outcomes*** of the program. These outcomes should lend themselves to subsequent review and assessment of program accomplishments.

All SLOs listed below will be accessible for assessment as part of the student's Senior Portfolio (mandatory document for graduation).

- 1) **SLO:** Demonstrate mastery of technology related to the field. **Assessment Method:** Using Microsoft PowerPoint, students will complete a presentation of data that incorporates statistical analysis using Microsoft Excel.
- 2) **SLO:** Demonstrate mastery of use of laboratory equipment designed for testing diverse aspects of health and fitness. **Assessment Method:** Students will provide evidence of data collected by use of laboratory equipment and comprehension and evaluation of collected information.
- 3) **SLO:** Develop basic expertise in research as a participant, data collector, co-investigator, or through professional presentation of a completed research project. **Assessment Method:** Report of engagement in professional activities must be presented in the Senior Portfolio.
- 4) **SLO:** Demonstrate understanding and application of basic statistical procedures as applicable to the field of exercise science. **Assessment Method:** Students will complete class/laboratory assignments requiring the use of basic statistical procedures in exercise science.
- 5) **SLO:** Demonstrate proficiency in professional writing skills. **Assessment Method:** Students will complete multiple article critiques and at least one major research project in required exercise science courses.
- 6) **SLO:** Development and presentation of a major internship project. **Assessment Method:** Students will work with their internship field supervisor to develop, complete and present findings from a collaborative internship project.

C. Need for the Program

1. **State need.** Briefly describe why the program is specifically needed for the State of Alabama. (State need is considered a priority in the review process.)

Alabama is currently in a state of crisis relative to the health of its general citizenry. Almost 70% of Alabamans are overweight or obese as well as almost 20% of children between the ages of 10 and 17. More than 37% of adults have high blood pressure, and one in ten has been diagnosed with diabetes. Adults in Alabama are some of the least physically active in the nation with almost 60% having less than 30 minutes of moderate physical activity per day. Exercise science graduates are on the frontline in combatting this poor health epidemic from establishing and administering programs focused on encouraging wellness (e.g. personal trainers and corporate wellness coordinators) to dealing with the consequences of poor nutrition and lifestyle factors related to obesity (e.g. cardiac rehabilitation specialist, physical and occupational therapists). It is unlikely this trend's momentum will turn anytime soon creating a growing network of career opportunities for graduates of programs such as exercise science with a focus specifically on preparing students to address social and health consequences of negative lifestyles practices. Additionally, other professional fields coupled with this degree option, such as cardiac rehabilitation, physical/occupational therapy, among others, are longstanding and continue to view exercise science not only as a viable, but preferred credential.

2. Employment Opportunities. Based on your research on the employment market for graduates of this program, please complete the following table reporting the total projected job openings (including both growth and replacement demands) in your local area, the state, the SREB region, and the nation. These job openings should represent positions that require graduation from a program such as the one proposed.

Career and College Readiness/Preparation -- Projected Job Openings

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Local	23	24	24	25	26	122
State	638	639	639	640	645	3,200
SREB	13,533	13,533	13,534	13,535	13,540	67,675
Nation	44,275	44,277	44,280	44,283	44,285	221,400

Please briefly describe your methodology for determining employment opportunities – projected job openings. Be sure to cite any data sources used in formulating these projections. The actual survey instrument, detailed results, and associated data file(s) must be maintained internally by the institution for five years from the implementation date. The survey upon which the proposal is based must be available for ACHE Staff examination upon request for that five year timeframe. The survey instrument, detailed results, or associated data file(s) should not be included in the proposal.)

Job projections are based on an annual increase of jobs in the exercise science field, including but not limited to exercise physiologist, fitness trainers, and many graduate degrees such as physical therapist, occupational therapist, and physician assistant. When annual increase information was not available, a ten year projection from 2012-2022 was divided over a ten year period. The national job projection information was obtained from the Bureau of Labor Statistics whereas state projections were obtained from each state's website for Department of Labor Statistics.

3. Student Demand - Enrollment projection. Please briefly describe your methodology for determining enrollment projections. If a survey of student interest was conducted, please briefly describe the survey instrument, number and percentage of respondents, and summary of results.

(The survey instrument, and associated data file(s) need not be included in the proposal. This proposal information should be maintained for ACHE Staff review for five years from the actual implementation date.)

A survey was developed and administered to students currently enrolled in the B.S. in Health, Physical Education and Recreation with a concentration in exercise science. From the students surveyed 95% indicated a desire to move to the proposed B.S. in Exercise Science. As to preference of concentration, 28% indicated an interest in pursuing a concentration in Applied Exercise Physiology, 30% indicated an interest in pursuing a concentration in Clinical Exercise Physiology, and 42% indicated an interest in pursuing a concentration in Pre-Professional Studies. These data indicate a strong interest on the part of students currently enrolled in the B.S. in Health, Physical Education and Recreation with an exercise science concentration in moving to the proposed new B.S. in Exercise Science. Responses also reflect that the diverse interests among students would be well-served by the concentrations coupled with the proposed B.S. in Exercise Science.

D. Specific Rationale (Strengths) for Program

What is the specific rationale (strengths) for recommending approval of this proposal? List no fewer than three (3) and no more than five (5) potential program strengths.

1. The proposed B.S. in Exercise Science with its different concentrations will allow students to select an academic focus more specific to their career interest without being required to enroll in an increased number of courses. For example, under the current B.S. in Health, Physical Education and Recreation, students seeking admission to physical or occupational therapy schools are required to complete up to eighteen (18) additional credit hours in courses such as chemistry, physics, statistics, and upper level psychology in order to meet application requirements. With the proposed B.S. in Exercise Science a student can complete the Pre-Professional Studies concentration which includes such

pre-admission required courses as part of their program of study rather than completing those requirements in addition to established degree completion requirements.

2. Students selecting the Applied Exercise Physiology concentration will be provided with a more focused program of study to prepare them for industry specific certifications (e.g. National Strength and Conditioning Association Certified Strength and Conditioning Specialist Certification or USA Weightlifting-1 Certification for Applied Concentration, and American College of Sports Medicine Health Fitness Specialist Certification).

3. Students selecting the Clinical Exercise Physiology concentration will be prepared to pursue careers including clinical exercise physiologist, cardiac rehabilitation specialist, cardiopulmonary rehabilitation specialist, and ECG technician. Students may also consider this concentration as an option for matriculation to a health care pre-professional school/program such as physician, physical therapy technician, occupational therapy technician, respiratory therapist, cardiovascular perfusionist, medical assistant, radiology technologist, clinical specialists of medical devices, prosthetics, or electrophysiology.

4. The proposed B.S. in Exercise Science will more effectively prepare students focused on graduate level education in exercise science and related fields by providing greater opportunities for engagement in research and scholarly pursuits.

5. The specificity of the proposed B.S. in Exercise Science, with its categorical concentrations, should increase the appeal of students' resumes or curriculum vitae when applying for employment or graduate studies.

Please note that letters of support may be included with the proposal.

E. Similar Programs

Using the ACHE Academic Program inventory found at

<http://www.ache.state.al.us/Content/Departments/Instruction/StudentInfo.aspx>

List below all programs at the same degree level (by institution) that utilize the same 6-digit CIP code as the one being requested in the program proposal.

Also, list any programs at other CIP codes that may be offering similar instruction.

If there are no similar programs place a "0/none" by 1. in the listing directly below.

Note: Institutions should consult with ACHE Staff during the NISP phase of proposal development to determine what existing programs are considered duplicative of the proposed program.

The following institutions offer similar programs at this level:

The term “exercise science” was inserted to the keyword search bar in the ACHE website. A secondary search of programs presented suggested the CIP Code 310505 was most akin to the proposed B.S. in Exercise Science.

The following programs with this CIP Code were found:

- 1. Auburn University at Montgomery; B.S. Kinesiology 310505**
- 2. University of Alabama in Huntsville; B.S. Kinesiology 310505**
- 3. University of West Alabama; B.S. Exercise Science 310505**
- 4. Troy University; B.S. Exercise Science 310505**

Please add numeration and list additional similar programs, if applicable.

The following CIP Code 510001 was also found for Jacksonville State University’s Exercise Science and Wellness Program. This program appears to be more generalized than the proposed B.S. in Exercise Science.

If the program duplicates, closely resembles, or is similar to another program already offered in the State, provide justification for that duplication.

Also, if a graduate program, please identify and list any similar programs at institutions in other SREB states.

Although similar programs are offered at other institutions in the state, their distance from the University presents an impediment for constituents of this region directly served by the University. Since 2008 student enrollment in the current exercise science concentration has increased from less than 50 to over 200 majors and more growth is anticipated. The proposed program magnifies the expectations in growth and in effect will replace the existing concentration with a new stand-alone major while continuing to serve students of the University region without need for dedicating additional expenditures as it will be delivered by existing faculty without necessity of expansion of laboratory facilities, library holdings or other need.

F. Collaboration With Other Institutions/Agencies

Does the institution plan on collaborating with other institutions in the delivery of this program?

☐

Yes

No

☒

If yes, please indicate below which institutions and describe the basis of this collaboration.

If no, please indicate your reasons why.

At this time there are no plans to collaborate with other institutions in delivery of this academic program. However, the University is open to the possibility of establishing collaborative ventures with other institutions relative to this academic program in the future if feasible opportunities develop.

G. Curriculum

1. Program Completion Requirements: (Enter a credit hour value for all applicable components, write N/A if not applicable)

Credit hours required in major courses	<u>43</u>
Credit hours required in minor	<u>N/A</u>
Credit hours in institutional general education or core curriculum	<u>61</u>
Credit hours required in support courses	<u>16-19</u>
Credit hours in required or free electives	<u>N/A</u>
Credit hours for thesis or dissertation	<u>N/A</u>
Total credit hours required for completion	<u>120-123*</u>

***Dependent on concentration.**

2. Will this program be related to other programs at your institution?

Selected courses from other academic disciplines will be incorporated into the proposed B.S. in Exercise Science as support courses. This will be done in a selective manner in order to identify and incorporate courses outside the field of exercise science which best support specific concentrations under the proposed degree.

If so, which ones and how?

The Pre-Professional Studies concentration requires select courses from biology, psychology, chemistry and physics. Both concentrations in Clinical Exercise Physiology and Applied Exercise Physiology incorporate selected courses from biology and an upper level psychology or sociology course. All support course requirements will be incorporated into the degree program of study and must be completed prior to graduation.

3. Please identify any existing program, option, concentration or track that this program will replace at your institution.

Once approved and implemented, the proposed B.S. in Exercise Science will replace the current exercise science concentration in the B.S. in Health, Physical Education and Recreation.

4. Is it likely that this program will reduce enrollments in other graduate programs at your institution? If so, please explain.

This question is not applicable since the proposed B.S. in Exercise Science is an undergraduate degree.

5. If this is a graduate program, please list any existing undergraduate programs at the institution which are directly or indirectly related to the proposed graduate program. If this is a doctoral proposal, also list related master's programs at your institution.

This question is not applicable since the proposed B.S. in Exercise Science is an undergraduate degree.

6. Please complete the table below indicating the proposed program's courses. Include the course number, and number of credits. (If feasible/useful, please group courses by sub-headings within the table.)

Course Number and Title		Number of Credit Hours	* If New Course		
General Education Requirements		61			
HPE 000 Senior Portfolio		0			
HPE 235 Medical Terminology		1			
HPE 352 Kinesiology		3			
HPE 353W Physiology of Exercise		3			
HPE 360 Introduction to Fitness Testing		3			
HPE 401 Adapted Physical Education		3			
HPE 402 Exercise Prescription for Healthy Individuals		3			
HPE 403 Essentials of Prescribing Resistance Training		3			
HPE 405 Exercise Leadership		3			
HPE 430 Behavioral Modification Intervention		3			
HPE 443 Management of Health and Physical Education		3			
HPE 451 Applied Statistics in Health and Exercise Science		3			
HPE 466W Legal Issues and Risk Management		3			
HPE 498 Internship		6			
Psy/Soc 300/400 (Advisor approved course)		3			
Pre-Professional Studies Concentration		Clinical Exercise Physiology Concentration		Applied Exercise Physiology Concentration	
CH 111 General Chemistry	3	HPE 410 Health Promotion	3	HPE 350 Applied Nutrition/Lifespan	3
CH 111 General Chemistry Lab	1	HPE 420 Health and Aging	3	HPE 351 Chronic Disease and Health Promotion	3
CH 112 General Chemistry	3	HPE 422 Public Health	3	HPE 408 Consumer Health	3
CH 112 General Chemistry Lab	1	HPE 494 Exercise Prescription/ Moderate Risk Individuals	3	HPE 410 Health Promotion	3

PH 241 General Physics I	4	HPE 496 Cardiopulmonary Rehabilitation	3	HPE 420 Health and Aging	3
PH 242 General Physics II	4	HPE 496 Cardiopulmonary Rehabilitation Lab	1	HPE 450 Motor Learning	3
HPE 450 Motor Learning	3				
TOTAL	123	TOTAL	120	TOTAL	122

7. Enumerate and briefly describe any additional requirements such as preliminary qualifying examination, comprehensive examination, thesis, dissertation, practicum or internship, some of which may carry credit hours included in the list above.

Admission to the proposed B.S. in Exercise Science requires no additional conditions beyond the standard University admission requirements. The proposed degree is closely aligned with the current exercise science concentration under the B.S. in Health, Physical Education and Recreation. As with the current exercise science concentration, a six (6) credit hour (200 contact hours) internship is required for completion of this proposed degree program. All students enrolled in the proposed major will also be required to complete HPE 000, Senior Portfolio, which will serve as a culminating experience and include specified artifacts from a number of major courses and details on the required major internship project.

8. Does the program include any options/concentration. If so, please describe the purpose and rationale and list the courses in the option.

The proposed B.S. in Exercise Science will include three concentrations; Clinical Exercise Physiology, Applied Exercise Physiology and Pre-Professional Studies. Each concentration incorporates courses selected to prepare students for a career in a specific area of exercise science. For example, the Clinical Exercise Physiology concentration incorporates additional classes to prepare students for a career as an exercise physiologist in a clinical setting. The Applied Exercise Physiology concentration incorporates classes to strengthen skills needed to work as a strength coach or in life coach/personal trainer type careers. The concentration in Pre-Professional Studies includes classes students need to be successful when applying for admission to professional programs such as physical therapy, occupational therapy, and physician assistant. Required courses are listed by concentration in the table in Item 6 above.

H. Program Review and Assessment

In the final analysis, the institution and its governing board are accountable for the quality, utility and productivity of this and all other programs of instruction.

With this in mind, please describe the procedures that will be used in assessing the program's outcomes.

Be sure to include:

1. An assessment process for the student learning outcomes;

Assessment methodology has been provided for each SLO in Item B 3 above.

2. A follow-up plan to determine accomplishments of graduates such as obtaining relevant employment or being admitted to a masters or doctoral program (graduate or professional).

Students' contact information (e.g. email, phone number, mailing address) will be collected as part of the Senior Portfolio. One year after graduation, program graduates will be contacted by these means and asked to complete a short survey regarding their current employment/graduate school status. Additional pertinent information will be collected from the University's Alumni Association and/or Office of Institutional Research, Planning and Assessment. Updated information will be collected on an annual basis.

I. Accreditation

If there is a recognized (USDE or CHEA) or other specialized accreditation agency for this program, please identify the agency and explain why you do or not plan to seek accreditation. If there is no accrediting or similar body for this degree program state as such in your response.

Currently there is no well-established specialized accreditation agency for exercise science at the state or regional level. ACSM, through CAHEP, had an accreditation process but it has not been widely accepted in the academic community and as a result few programs have chosen to pursue accreditation through ACSM. Therefore, no consideration will be given to pursuing accreditation for the B.S. in Exercise Science at this time. However, the University remains open to possible program accreditation in the future if a suitable accreditation process can be identified.

J. Instructional Delivery Method

1. Describe which instructional delivery methods will be utilized in delivering this program.

The primary instructional delivery method will be through in-class presentations and laboratory activities.

2. If distance technology is being utilized, indicate an approximate percent of the total program's courses offered that will be provided by distance education.

Approximately 7% of major or major support courses are offered in an on-line format. This includes HPE 235 (1 credit hour) and HPE 450 (3 credit hours). If appropriate and possible, expansion of course content to on-line options will be implemented. Many courses in the General Education Program are offered on-line and in traditional face-to-face format.

3. If distance education is not being utilized, please explain why not.

The program is limited to the number of courses that can be considered for development as distance technology education due to the laboratory/hands-on nature of program courses.

K. Resource Requirements

1. Faculty. Do not attach the curriculum vitae of each existing or additional faculty members to this proposal. (The institution must maintain and have current and additional primary and support faculty curriculum vitae available upon ACHE request for as long as the program is active.) *Please do provide a brief summary of Faculty and their qualifications specific to the program proposal.*

Current faculty members hold doctoral degrees with backgrounds to support the proposed B.S. in Exercise Science (i.e. clinical and applied exercise physiology, behavior modifications, motor learning, health, and statistics for exercise science). All hold additional certifications through nationally recognized organizations which will support the continuation of learning in the field of exercise science. Additionally, faculty members have extensive applied experience in the exercise science field outside the classroom. All of these qualities combine to promote multiple student learning opportunities which can lead to their future success in the workforce.

a) Please provide faculty counts for the proposed program:

Status	Faculty Type	
	Primary	Support
Current- Full Time	4	2
Current-Part Time	0	
Additional-Full Time (to be hired)	0	
Additional-Part Time (to be hired)	0	

b) Briefly describe the qualifications of new faculty to be hired.

Response to this question is not applicable since there are no plans to hire any new faculty to support this proposed degree program.

2. Equipment. Will any special equipment be needed specifically for this program?

☐
☒

Yes No

If "Yes", please list:

The cost of the new equipment should be included in the table following (Section K.).

3. Facilities. Will any new facilities be required specifically for the program?

☐ Yes ☒ No

If "Yes", please list. Only new facilities need be listed. Their cost should be included in the table following (Section K.).

4. Library. Are there sufficient library resources to support the program?

☒ Yes ☐ No

Please provide a brief description of the current status of the library collections supporting the proposed program.

The Collier Library at the University of North Alabama and the Department of Health, Physical Education and Recreation Library provide access to a wide variety of in-print items and electronic access to all major journals akin to the proposed B.S. in Exercise Science. Considering knowledge of the local collection and all of the data reviewed, the University's collection more than adequately supports the proposed new degree program. Funding should be maintained at least at current levels in order to continue to support the needs of the department, though increasing costs of resources must be considered. The departmental faculty and library faculty should continue to identify and acquire current scholarship resources in the area. The staff of Collier Library is committed to supplying the information resources required to support the needs of the students majoring in the proposed B.S. in Exercise Science.

If "No", please briefly describe how any deficiencies will be remedied; include the cost in the table following (Section K.).

5. Assistantships/Fellowships. Will you offer any assistantships specifically for this program?

☐ Yes ☒ No

Response to this question is not applicate since the proposed degree program is undergraduate only.

If “Yes”, how many assistantships will be offered? Be sure to include the amount in the table following.

0

Number of assistantships offered

Be sure to include the cost of assistantships in the table following (Section K.).

6. Program Budget. The proposal projected that a total of \$

\$0

 in estimated new funds will be required to support the proposed program.

A projected total of \$

289,406.25

 will be available to support the new program.

L. New Academic Degree Program Proposal Summary Form

- In the following “NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY” table, please provide a realistic estimate of the costs of the program.
- This should only include the additional costs that will be incurred, not current costs.
- Indicate the sources and amounts of funds available for the program’s support.
- DO NOT LEAVE ANY PORTION/SOURCES OF THE NEW FUNDS OR FUNDS AVAILABLE BLANK. ENTER “\$0” IF THERE ARE NO NEW FUNDS NEEDED OR NO FUNDS AVAILABLE.
- THERE MUST BE AN ACTUAL DOLLAR AMOUNT PROVIDED FOR TUITION, SINCE THOSE FIGURES REPRESENT PROJECTED ENROLLED STUDENTS.
- If it is stated that new funds are requested or if it is a reallocation of resources, please explain directly below from what source(s) the funds for the proposed new program, (e.g. faculty, equipment, etc.) will be attained.

Internal reallocated funds listed under “Sources of Funds Available for Program Support” will come from existing departmental funds used to support the current B.S. in Health, Physical Education and Recreation concentration in exercise science. In effect, this reallocation of funds will be a shifting of funds (i.e., salaries, supplies funds and laboratory support funds) currently used to support the exercise science concentration to support the proposed B.S. in Exercise Science.

- If tuition is used to support the program, what start-up revenue source will be used to initiate the program.

Funds to be used to support the start-up of the proposed B.S. in Exercise Science will come from a reallocation of existing funds in the Department of Health, Physical Education and Recreation's current operating budget.

- Also, include enrollment and completer projections.
- New enrollment headcounts are defined as **unduplicated** counts across years. For example, if "Student A" would be initially enrolled in the program in year 2, and again is enrolled in the program in years 4 and 5; "Student A" is only counted in the new enrollment headcount in year 2.
- Total enrollment headcounts represent the actual number of students enrolled (both part-time and full time each year. This is a **duplicated** count).

NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

INSTITUTION University of North Alabama

PROGRAM Bachelor of Science in Exercise Science

ESTIMATED NEW FUNDS REQUIRED TO SUPPORT PROPOSED PROGRAM

	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
FACULTY	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
LIBRARY	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
FACILITIES	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
EQUIPMENT	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
STAFF	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
ASSISTANTSHIPS	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
OTHER	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
TOTAL	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

SOURCES OF FUNDS AVAILABLE FOR PROGRAM SUPPORT

	Year 1	Year 2	Year3	Year 4	Year 5	TOTAL
INTERNAL REALLOCATIONS	<u>\$289,406.25</u>	<u>\$289,406.25</u>	<u>\$289,406.25</u>	<u>\$289,406.25</u>	<u>\$289,406.25</u>	<u>\$1,447,031.25</u>
EXTRAMURAL	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
TUITION	<u>\$99,000</u>	<u>\$112,200</u>	<u>\$118,800</u>	<u>\$125,400</u>	<u>\$132,000</u>	<u>\$587,400</u>
TOTAL	<u>\$388,406.25</u>	<u>\$401,606.25</u>	<u>\$408,206.25</u>	<u>\$414,806.25</u>	<u>\$421,406.25</u>	<u>\$2,034,431.25</u>

ENROLLMENT PROJECTIONS AND DEGREE COMPLETION PROJECTIONS

Note: "New Enrollment Headcount" is defined as unduplicated counts across years.

	Year 1	Year 2	Year 3	Year 4	Year 5	<u>5-YEAR AVERAGE</u>
FULL TIME HEADCOUNT	<u>15</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>17.8</u>
PART TIME HEADCOUNT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL HEADCOUNT	<u>15</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>17.8</u>
NEW ENROLLMENT HEADCOUNT	<u>8</u>	<u>10</u>	<u>12</u>	<u>12</u>	<u>13</u>	<u>11</u>
DEGREE COMPLETION PROJECTIONS	<u>0</u>	<u>0</u>	<u>8</u>	<u>10</u>	<u>12</u>	<u>AVERAGE 6</u>

Letter of Support from Caitlin Stevenson Wilcoxson

To whom it may concern,

My name is Caitlin Stevenson Wilcoxson and I am currently a doctoral student of physical therapy at Harding University in Searcy, AR. I received my Bachelor of Science in Health, Physical Education, and Recreation with a concentration in Exercise Science, as well as my Masters of Science in Health and Human Performance with a concentration in Exercise Science from the University of North Alabama. During the time I was completing my Master's degree, I worked as a graduate research assistant in the Human Performance Lab. This included applying for and receiving 2 research grants, conducting research, and presenting this research at local, regional, and national level conferences. As a graduate assistant, I was also involved in the exercise testing of undergraduate students as well as testing them for a complete lipid profile. I completed the prerequisites to be accepted into physical therapy school during this time as well. Classes such as chemistry, physics, and upper level psychology/sociology were not included in the exercise science concentration therefore this added many hours to my coursework. Now that I am in physical therapy school, I would not trade my exercise science background for anything. There are many individuals in my class who have a biology background, which is the other common background of physical therapy students. They did not have to take the extra classes that I did, however there are many areas regarding exercise science such as exercise physiology or cardiopulmonary rehabilitation with which they are now struggling. Since this is the center of physical therapy, I am so grateful that I had the opportunity to be involved in the research and exercise science knowledge that was taught to me during my time at UNA.

Even though the exercise science program is very beneficial to anyone who is planning to join the workforce directly after undergraduate graduation, it could be improved for students like me, who would like to further their education by attending graduate school. The new concentrations that have been proposed would assist those students who plan to further their education as well as those students who plan to join the workforce. I can specifically speak on the pre-professional concentration. There are many students who plan to attend physical therapy school that choose a biology major simply due to the fact that it includes all of the "required" prerequisites. These prerequisites may be included, but these students are missing out on the knowledge they could gain from an exercise perspective. After all, that is what physical therapy is all about. Therefore, why not make this available to students at UNA? Establishing this new degrees and concentration system would not only assist the students who are already in an exercise science major and planning to attend graduate school, but would also allow an opportunity to help students of other majors who plan to attend a graduate program. I give this program my full support and recommendation. Thank you for your time and consideration. Sincerely,

Caitlin Stevenson Wilcoxson

Letter of Support from Mary Lynn Jackson



ELIZA COFFEE MEMORIAL HOSPITAL
Post Office Box 818 * Florence, Alabama 35631 * (256 768 9191)

October 27, 2015

Dr. Tom Coates
University of North Alabama
Department of Health, Physical Education, and Recreation

Dear Dr. Coates,

I work at ECM Hospital with the Cardiac and Pulmonary Rehabilitation programs. These outpatient programs are designed to educate the patient dealing with chronic cardiac and pulmonary diseases to manage their disease and improve quality of life. Exercise is a big component of these programs. We have been fortunate to utilize student interns from your department for several years. These students come to us highly motivated, enthusiastic and eager to help us in any way with our patients. They act in a very professional manner, sharing their knowledge of healthy lifestyle behaviors and individualized exercise programs.

Our student interns have served as an asset to both patients and staff. Their experiences in the internships hopefully prepare them in the pursuit of their careers. We appreciate the opportunity to serve as an internship site.

Sincerely,

Mary Lynn Jackson, RRT

Mary Lynn Jackson, RRT
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